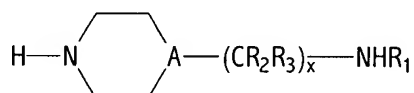


## ABSTRACT OF THE DISCLOSURE

A fuel additive composition comprising:

- a) a Mannich condensation product of (1) a high molecular weight alkyl-substituted hydroxyaromatic compound (2) an amine having the formula:



wherein A is CH or nitrogen,  $\text{R}_1$ ,  $\text{R}_2$ ,  $\text{R}_3$  are independently hydrogen or lower alkyl of 1 to about 6 carbon atoms and each  $\text{R}_2$  and  $\text{R}_3$  is independently selected in each  $-\text{CR}_2\text{R}_3-$  unit, and x is an integer from 1 to about 6;

and (3) an aldehyde, wherein the respective molar ratio of reactants (1), (2), and (3) is 1:0.1-2:0.1-2;

- b) a hydrocarbyl-terminated poly(oxyalkylene) monool; and  
c) a carboxylic acid as represented by the formula:



or anhydride thereof, wherein  $\text{R}_4$  represents a hydrocarbyl group having about 2 to about 50 carbon atoms, and y represents an integer of 1 to about 4.